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L Number	Hits	Search Text	DB	Time stamp
	423	422/139-147.ccls. and ((plurality multiple) same (inlet jet sparger))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 09:37
	40	422/139-147.ccls. and ((plurality multiple) adj (inlet jet sparger))	USPAT; US-PGPUB; DERWENT	2002/12/02 16:08
	16	("2530243" | "2581134" | "2741546" | "2769771" | "2893851" | "2944009" | "3031769" | "3099538" | "3394076" | "3607730" | "3775302" | "4329526" | "4511434" | "5529587" | "5562818" | "5779746").PN.	USPAT	2002/12/02 16:10
	5	("2934494" | "4081249" | "4212653" | "4337068" | "4486207").PN.	USPAT	2002/12/02 16:18
	84	34/583.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/02 17:32
	4	("3633283" | "3740865" | "4809442" | "5556274").PN.	USPAT	2002/12/02 16:21
	10	3740865.URPN.	USPAT	2002/12/02 16:21
	4	("3494047" | "3800817" | "3740865" | "4030876").PN.	USPAT	2002/12/02 16:26
	11	3494047.URPN.	USPAT	2002/12/02 16:28
	3	("2550722" | "2715015" | "4651807").PN.	USPAT	2002/12/02 17:41
	27	4075953.URPN.	USPAT	2002/12/02 17:47
	551	422/139.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/03 12:51
	202	422/139.ccls. and (inlet sparger sparging sparge)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/03 12:51
	156	(422/139.ccls. and (inlet sparger sparging sparge)) and @py<=2000	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/03 13:41
	6	3661558.URPN.	USPAT	2002/12/03 13:35
	903	422/144.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/03 13:41
	377	422/144.ccls. and (inlet sparger sparge sparging)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/03 13:42
	21	422/144.ccls. and (sparger sparge sparging)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/12/03 13:42
	13	4032300.URPN.	USPAT	2002/12/03 13:47
	4	("2798030" | "3053842" | "3309784" | "3912460").PN.	USPAT	2002/12/03 13:49
	4	("3633283" | "3740865" | "4809442" | "5556274").PN.	USPAT	2002/12/03 14:58
	85	34/583.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 10:09
	23	("1686349" | "2538833" | "2611685" | "2649358" | "2690962" | "2850808" | "2866696" | "2884373" | "2903800" | "2933824" | "2944009" | "3717440" | "3910849" | "4409101" | "4476816" | "4559719" | "4612115" | "4698913" | "4799937" | "4824360" | "4847054" | "4855111" | "4973457").PN.	USPAT	2003/04/01 09:50
	134	34/585.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 10:49
	4	("4372228" | "4931174" | "4946654" | "5213820").PN.	USPAT	2003/04/01 10:15

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L Number	Hits	Search Text	DB	Time stamp
	5	("3880968" | "4217127" | "4337722" | "4353709" | "4387120").PN.	USPAT	2003/04/01 10:18
	2	("3110626" | "3231413").PN.	USPAT	2003/04/01 10:20
	10	4337722.URPN.	USPAT	2003/04/01 10:21
	17	4021193.URPN.	USPAT	2003/04/01 10:35
	6	("3887337" | "3994665" | "4021193" | "4096840" | "4338283" | "4862639").PN.	USPAT	2003/04/01 10:37
	6	("3804608" | "3847563" | "3861862" | "4021193" | "4152843").PN.	USPAT	2003/04/01 10:41
	6	4282010.URPN.	USPAT	2003/04/01 10:41
	907	422/144.ccls.	USPAT; US-PGPUB; EPO; DERWENT	2003/04/01 10:51
	11	422/144.ccls. and (spout$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 10:50
	1454	422/139-147,211,215,219,220.ccls. and (gas with (inlet jet sparging sparger sparger nozzle))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 10:52
	948	(422/139-147,211,215,219,220.ccls. and (gas with (inlet jet sparging sparger sparger nozzle))) and (fluidiz$ fluidis$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 10:54
	9	((422/139-147,211,215,219,220.ccls. and (gas with (inlet jet sparging sparger sparger nozzle))) and (fluidiz$ fluidis$)) and (residue with (collect$ outlet))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 10:53
	10	((422/139-147,211,215,219,220.ccls. and (gas with (inlet jet sparging sparger sparger nozzle))) and (fluidiz$ fluidis$)) and ((solid with gas with liquid) with nozzle)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 10:58
	19	((422/139-147,211,215,219,220.ccls. and (gas with (inlet jet sparging sparger sparger nozzle))) and (fluidiz$ fluidis$)) and ((solid with gas with liquid) with inlet)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 10:58
	428	422/147.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 10:58
	242	422/147.ccls. and (gas with (inlet sparger jet nozzle))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 11:08
	190	422/139.ccls. and (gas with (inlet sparger jet nozzle))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 11:09
	163	(422/139.ccls. and (gas with (inlet sparger jet nozzle))) not (422/147.ccls. and (gas with (inlet sparger jet nozzle)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 11:34
	16	("2530243" | "2581134" | "2741546" | "2769771" | "2893851" | "2944009" | "3031769" | "3099538" | "3394076" | "3607730" | "3775302" | "4329526" | "4511434" | "5529587" | "5562818" | "5779746").PN.	USPAT	2003/04/01 11:28
	2	2769771.URPN.	USPAT	2003/04/01 11:29
	282	westinghouse.as. and (fluidiz$ fluidis$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 11:45
	15	("2118651" | "2519340" | "2548085" | "2594974" | "2626210" | "3847562" | "3957458" | "3957459" | "4073629" | "4126519" | "4134738" | "4137051" | "4142868" | "4154582" | "4309194").PN.	USPAT	2003/04/01 11:39

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L Number	Hits	Search Text	DB	Time stamp
	2	2519340.URPN.	USPAT	2003/04/01 11:44
	970	48/$.ccls. and (fluidiz$ fluidis$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 11:46
	88	(48/$.ccls. and (fluidiz$ fluidis$)) and (gas with (inlet jet nozzle sparg$) with (many multiple plural$))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 13:38
	11	("2671721" | "2739845" | "2873145" | "3160443" | "3537755" | "3751214" | "3871711" | "3874739" | "3957457" | "4017272" | "4185942").PN.	USPAT	2003/04/01 11:51
	1	4569681.URPN.	USPAT	2003/04/01 11:54
	2	("3981690" | "4282010").PN.	USPAT	2003/04/01 11:54
	12	3772999.URPN.	USPAT	2003/04/01 11:58
	2	("3772999" | "3847563").PN.	USPAT	2003/04/01 12:53
	2	4198210.URPN.	USPAT	2003/04/01 12:59
	4	("3370361" | "3831857" | "3974091" | "4062656").PN.	USPAT	2003/04/01 12:59
	10	("3145975" | "3164376" | "3388894" | "3582046" | "3647188" | "3746312" | "3807705" | "3825230" | "3871626" | "3881702").PN.	USPAT	2003/04/01 13:08
	5	("2884230" | "3148865" | "3158362" | "3179379" | "3409273").PN.	USPAT	2003/04/01 13:11
	5	3582046.URPN.	USPAT	2003/04/01 13:12
	12	(fluidis$ fluidiz$) with bed with (gas with peripheral with (nozzle jet))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 13:40
	104	34/360.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 13:55
	11	("4543190" | "4626258" | "4787915" | "5106513" | "5208998" | "5290523" | "5381514" | "5522156" | "5577333" | "5656178" | "5946818").PN.	USPAT	2003/04/01 13:43
	22	3117064.URPN.	USPAT	2003/04/01 13:49
	7	4047883.URPN.	USPAT	2003/04/01 13:51
	52	34/371.ccls. and (gas with (jet inlet nozzle sparg$))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 14:09
	3	1475502.URPN.	USPAT	2003/04/01 14:08
	808	spout$ with bed	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 14:10
	273	(spout$ with bed) and (gas with (nozzle inlet jet orifice sparg$))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 14:10
	2	("2835711" | "2941012").PN.	USPAT	2003/04/01 14:20
	206	34/371.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 14:37
	198	422/231.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 17:19
	39	422/231.ccls. and sparg$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 17:37
	159	422/231.ccls. not (422/231.ccls. and sparg$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 17:52

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L Number	Hits	Search Text	DB	Time stamp
	28	3759669.URPN.	USPAT	2003/04/01 17:42
	81	422/211.ccls. and (fluidiz$ fluidis$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 18:04
	69	422/230.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 18:08
	115	422/220.ccls. and (gas with (sparg$ jet nozzle inlet orifice))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/01 18:34
	495	(48/$.ccls. 422/$.ccls.) and (coal same gasif$ same (fluidiz$ ftuidis$))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/02 09:38
	285	((48/$.ccls. 422/$.ccls.) and (coal same gasif$ same (fluidiz$ fluidis$))) and (gas with (inject$ jet nozzle sparg$ orifice))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/02 09:39
	178	((48/$.ccls. 422/$.ccls.) and (coal same gasif$ same (fluidiz$ fluidis$))) and agglom$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/02 09:56
	63	(((48/$.ccls. 422/$.ccls.) and (coal same gasif$ same (fluidiz$ fluidis$))) and agglom$) not (((48/$.ccls. 422/$.ccls.) and (coal same gasif$ same (fluidiz$ fluidis$))) and (gas with (inject$ jet nozzle sparg$ orifice)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/02 09:54
	170	(((48/$.ccls. 422/$.ccls.) and (coal same gasif$ same (fluidiz$ fluidis$))) and (gas with (inject$ jet nozzle sparg$ orifice))) not (((48/$.ccls. 422/$.ccls.) and (coal same gasif$ same (fluidiz$ fluidis$))) and agglom$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/02 10:32
	147	((48/$.ccls. 422/$.ccls.) and (coal same gasif$ same (fluidiz$ fluidis$))) not ((((48/$.ccls. 422/$.ccls.) and (coal same gasif$ same (fluidiz$ fluidis$))) and (gas with (inject$ jet nozzle sparg$ orifice))) or (((48/$.ccls. 422/$.ccls.) and (coal same gasif$ same (fluidiz$ fluidis$))) and agglom$))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/02 11:08
	195	(coal with ash with char) and (fluidiz$ fluidis$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/02 11:09
	109	((coal with ash with char) and (fluidiz$ fluidis$)) not ((48/$.ccls. 422/$.ccls.) and (coal same gasif$ same (fluidiz$ fluidis$)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/02 11:25
	23	annulus with (ash char coal biomass agglom$) same (fluidiz$ fluidis$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/02 12:04
	440	48/77,101.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/02 12:05
	123	48/77,101.ccls. and (fluidiz$ fluidis$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/02 12:06
	4	("3370361" | "3831857" | "3974091" | "4062656").PN.	USPAT	2003/04/02 12:10
	31	422/231.ccls. and sparger	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/03 09:39